

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/040657 A3**

(51) International Patent Classification<sup>7</sup>: **E21B 19/16,**  
F16L 15/00

F-59620 Monceau Saint Waast (FR). **MICMANDE,**  
**Jean-Claude** [FR/FR]; 187, rue de L'Hôtel de Ville,  
F-59620 Aulnoye-Aymeries (FR).

(21) International Application Number:  
PCT/EP2004/010656

(74) **Agent: ROUSSET, Jean-Claude;** Cabinet Netter, 36, Av-  
enue Hoche, F-75008 Paris (FR).

(22) International Filing Date:  
22 September 2004 (22.09.2004)

(81) **Designated States** (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, ME, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0311509 1 October 2003 (01.10.2003) FR

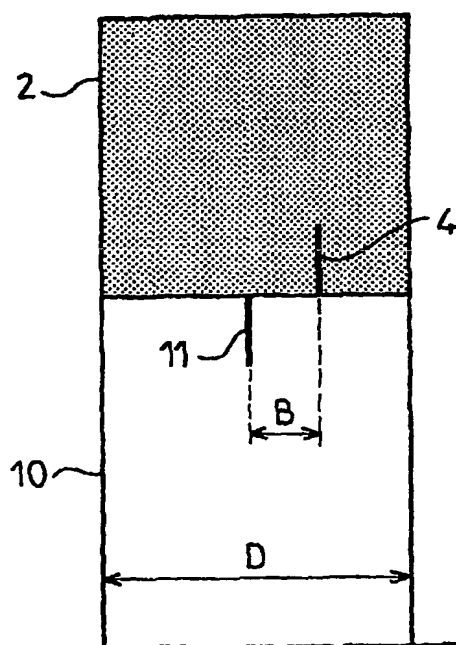
(71) **Applicant** (*for all designated States except US*):  
**VALLOUREC MANNESMANN OIL & GAS**  
**FRANCE** [FR/FR]; 54, rue Anatole France, F-59620  
Aulnoye-Aymeries (FR).

(84) **Designated States** (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(72) **Inventors; and**  
(75) **Inventors/Applicants** (*for US only*): **COULON,**  
**Jean-Luc** [FR/FR]; 12, rue des Francs-Bourgeois,

[Continued on next page]

(54) **Title:** A TUBULAR COMPONENT PROVIDED WITH MUTUALLY ORIENTED THREADED ELEMENTS, AND A  
METHOD FOR PRODUCING IT



(57) **Abstract:** In the method according to the invention, after machining suc-  
cessively respective threaded elements at both ends of the tubular component  
(10), a second orientation gauge is screwed onto the second threaded element  
to check whether a mark (4) on the gauge comes into alignment with an orienta-  
tion mark (11) which has been drawn on the component, after the first element  
has been machined and a first orientation gauge has been screwed onto the  
latter in axial alignment with a mark provided on this gauge. If not, the ma-  
chining of the second element is repeated with parameters varied accordingly.  
Application to the drilling and operation of hydrocarbon wells.

WO 2005/040657 A3



**Published:**

— with international search report

**(88) Date of publication of the international search report:**

23 June 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*